

WHAT IS CLAIMED IS:

1. A cutting device for plastic lens, comprising:
a cutting member defining a first direction and comprising a first cutter and a second cutter, the first and the second cutters being movable along the first direction away from or toward each other, the first cutter positioning the lens in the first direction, the second cutter cooperating with the first cutter to cut the lens.
2. The cutting device as claimed in claim 1, further comprising a holding member, the holding member defining a second direction different from the first direction and positioning plastic lens in the second direction.
3. The cutting device as claimed in claim 2, wherein the second direction is perpendicular to the first direction.
4. The cutting device as claimed in claim 2, wherein the cutting member comprises a first and a second plates, the first and the second cutters are mounted on and move with the first and the second plates, respectively.
5. The cutting device as claimed in claim 4, further comprising a cylinder comprising a piston therein, wherein the first plate is connected with the piston and wherein the second plate is connected to the cylinder.
6. The cutting device as claimed in claim 4, wherein the cutting member comprises a base and guiding posts mounted on the base and wherein the guiding posts position the first and the second plates and guide the first and the second plates to move.
7. The cutting device as claimed in claim 6, wherein the holding member comprises a moveable holding plate and guiding posts guiding the holding plate to move.
8. The cutting device as claimed in claim 7, wherein the holding

member comprises a holder mounted on the holding plate and defining a recess receiving plastic lens and positioning plastic lens in the second direction.

9. The cutting device as claimed in claim 8, wherein the holder is exchangeable.

10. The cutting device as claimed in claim 6, wherein when the first and the second plates respectively together with the first and the second cutters toward each other, the first plate together with the first cutter moves before the second plate together with the second cutter and until the first cutter contacts a contact point beside plastic lens.

11. The cutting device as claimed in claim 10, wherein the cutting member comprises a stopper stopping the first plate and the first cutter from further moving after the first cutter contacts the contacting point beside plastic lens.

12. The cutting device as claimed in claim 11, wherein the cutting member comprises a resilient component below the stopper and wherein the resilient component ensures that the second plate moves after the first plate.

13. The cutting device as claimed in claim 12, wherein the resilient component is a spring.

14. The cutting device as claimed in claim 1, further comprising heaters in the first and the second cutters to adjust temperatures of the first and the second cutters.

15. A method for cutting plastic lens carried out by a cutting device comprising a first and a second cutters, the method comprising the steps of:

the first cutter contacting a contacting point beside plastic lens to position plastic lens in a first direction; and

the second cutter moving toward plastic lens and the first cutter to cut plastic lens.

16. The method as claimed in claim 15, wherein the cutting device comprises a first and a second plates and wherein the first and the second cutters are respectively mounted on the first and the second plates, the first plate together with the first cutter moving before the second plate together with the second cutter.

17. The method as claimed in claim 16, wherein the first and the second plates are powered by a cylinder.

18. The method as claimed in claim 17, wherein the first plate is connected with a piston of the cylinder and the second plate is connected with the cylinder.

19. The method as claimed in claim 18, wherein the cutting device comprises a stopper to stop the first plate and the first cutter from further moving after the first cutter contacts a contacting point beside plastic lens.

20. The method as claimed in claim 15, wherein the cutting device comprises a holding member defining a second direction perpendicular to the first direction, the holding member positioning plastic lens in the second direction.

21. A cutting device for cutting an injection molded resilient product, wherein the resilient product is connected with at least one carrier to be removed therefrom, the cutting device comprising:

at least one power source to provide power to the cutting device;

a first cutter contacting the product at a first time without causing deformation of the product;

a second cutter contacting the product at a second time to cooperate the first cutter to separate the product from the at least one carrier, the

first time being earlier than the second time.